DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: On-site Inspection

N782274757

FACILITY: TRENDWELL ANTRIM INC- Section 4 Wells		**SRN / ID:** N7822
LOCATION: SECT 4 WELLS SW SW NW SEC 4 T29N R2E, ALBERT TWP		**DISTRICT:** Gaylord
CITY: ALBERT TWP		**COUNTY:** MONTMORENCY
CONTACT:		**ACTIVITY DATE:** 10/29/2024
STAFF: Tammie Puite	**COMPLIANCE STATUS:** Compliance	**SOURCE CLASS:** SM OPT OUT
SUBJECT: 2025 FCE Inspection		
RESOLVED COMPLAINTS:		

The Trendwell Antrim Inc, Section 4 Wells-East Albert 16, is a natural gas central processing facility (CPF) located in East Albert Township, Montmorency County. To access this facility, From Lewiston, Go East on County Road 612 for 2.5 miles. Turn Left onto County Road 489, and go North for 5 miles, road also has a name of Scenic Route No 3. The facility is on a 2 track to the right, just passed a large CPF that is on west side of the road (Left). You can see the CPF from the main road, as you make the turn. This facility processes sweet natural gas from low-pressure Antrim formation wells that flow to the facility via buried flowlines. Upon reaching the facility, the gas is separated and compressed and directed flowlines for further processing.

I performed an inspection on this source with respect to Permit to Install (PTI) numbers 39-21. An onsite inspection was performed on October 29, 2024. Upon arrival on site, no odors were noted downwind and no visible emissions from any point were noted. The facility appeared in full operation. The facility was found to have good housekeeping practices that met with industry standards.

Equipment Onsite:

CAT G3408 NA, 8 cylinder, 255 HP, 190 KW, 1800 RPM, Engine Serial # GNB01889, Unit # 2025 – Uncontrolled via Stack with a muffler, No catalytic emission control

- Operating at 1103 RPM
- Oil Pressure – 59 psi

No Tanks were on site.

No Tri ethylene Glycol Dehydrator

There is a water separator and a gas separator inside the building.

Permit to Install 39-21:

Nitrogen Oxides (NOx) emissions from this facility are not to exceed 63.2 tons per year. Limit is based on a 12-month rolling time period as determined at the end of each calendar month. Compliance with this emission limit is demonstrated through recordkeeping and emissions calculations.

The permitted engine matches the engine onsite, but the engine that is reported in Emissions Reporting and Equipment Inventory is different. I will follow up with the company to correct this.

A Malfunction Abatement Plan is required for this facility. A plan was previously submitted and approved in 2022. The engine is only equipped to burn natural gas. Also, as required, it is equipped with a device to measure the amount of natural gas being used for fuel.

No stack testing has been required to be performed at this facility in the last 12 months.

Records of maintenance activities at this facility have been provided in previous requests. There were logs on site, so these records are being kept.

The exhaust stack for the engine is to have a maximum diameter of 8 inches and a minimum height above ground of at least 52 feet. The stack appears to meet these requirements. The stack is equipped with a muffler for noise control. It does not have any catalytic control device.

The facility is to comply with the provisions of 40 CFR Part 63, Subpart HH. By complying with the provisions listed in the PTI, the facility is in compliance with the MACT.

At the time of this inspection, this facility appears to be in compliance with their permit. I will submit a records request to verify what equipment is onsite and that the company is keeping the correct emission records.

Image 1(N7822) : Exterior View of Building

Image 2(Stack) : Stack with Muffler

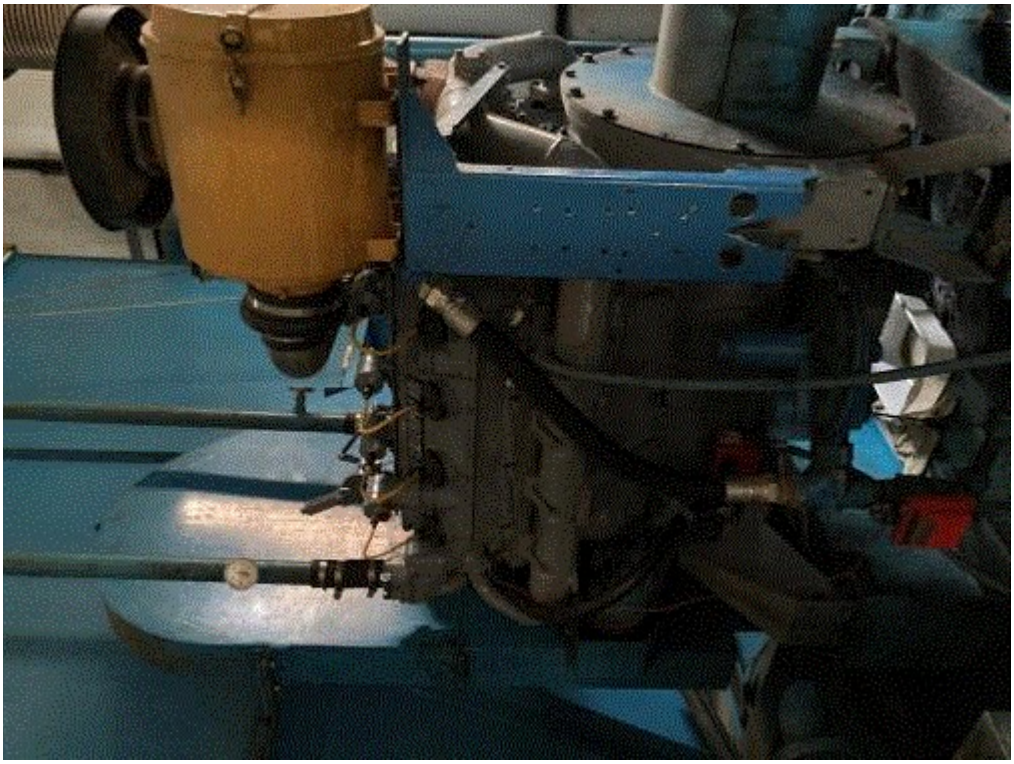

Image 3(EUENGINE 1) : CAT G3408 NA, 8 cylinder, 255 HP, 190 KW, 1800 RPM, Engine Serial # GNB01889, Unit # 2025

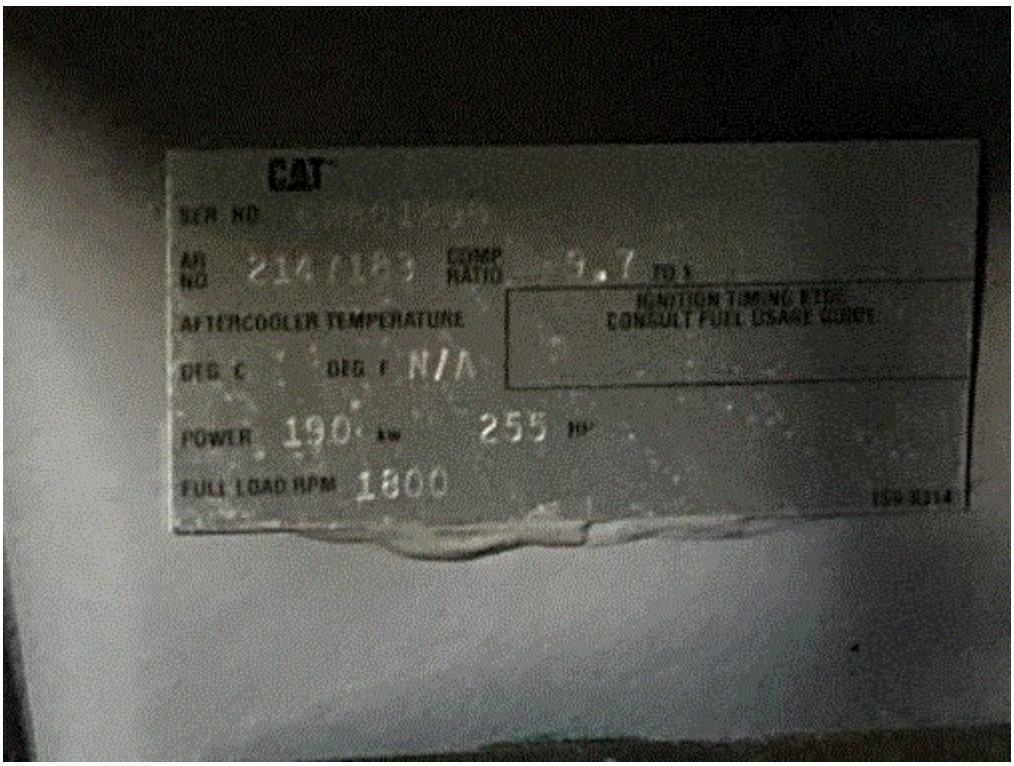

Image 4(Engine Tag) : CAT G3408 NA, 8 cylinder, 255 HP, 190 KW, 1800 RPM, Engine Serial # GNB01889, Unit # 2025

Image 5(Image of Engine) : Engine on Skid

NAME _____ DATE 12-4-24 SUPERVISOR _____